



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Caribbean-Florida Water Science Center
10770 North 46th St.
Tampa, FL 33617

August 2, 2024

Mr. John Walsh II, P.E.
City of Cocoa
351 Shearer Blvd. 2nd Floor
Cocoa, FL 32922

Dear Mr. Walsh:

Enclosed is our standard joint-funding agreement **25MCJFA0012** between the U.S. Geological Survey Caribbean-Florida Water Science Center and City of Cocoa for negotiated deliverables, during the period October 1, 2024 through September 30, 2025 in the amount of \$131,713.00 from your agency. U.S. Geological Survey contributions for this agreement are \$11,880.00 for a combined total of \$143,593.00. Please sign and return one fully-executed original to Bryan Carmenatty Cruz at bcarmenattycruz@usgs.gov or mail to the address above.

Federal law requires that we have a signed agreement before we start or continue work. Please return the signed agreement by **October 1, 2024**. If, for any reason, the agreement cannot be signed and returned by the date shown above, please contact Patrick Ryan at (321) 239-4819 or email pryan@usgs.gov to make alternative arrangements.

This is a fixed cost agreement to be billed quarterly via Down Payment Request (automated Form DI-1040). Please allow 30-days from the end of the billing period for issuance of the bill. If you experience any problems with your invoice(s), please contact Bryan Carmenatty Cruz at phone number (787) 749-7415 or bcarmenattycruz@usgs.gov.

The results of all work performed under this agreement will be available for publication by the U.S. Geological Survey. We look forward to continuing this and future cooperative efforts in these mutually beneficial water resources studies.

Sincerely,

Dorothy F. Sifuentes, PhD
Director, Caribbean-Florida Water Science Center

Form 9-1366
(May 2018)

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resource Investigations

Customer #: 6000001066
Agreement #: 25MCJFA0012
Project #: MC00E2A
TIN #: 59-6000292

Fixed Cost Agreement YES[X] NO[]

THIS AGREEMENT is entered into as of the October 1, 2024, by the **U.S. GEOLOGICAL SURVEY, CARIBBEAN-FLORIDA WATER SCIENCE CENTER**, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the **CITY OF COCOA** party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation Water Resource Investigations (per attachment), herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of \$0.00

- (a) \$11,880.00 by the party of the first part during the period October 1, 2024 to September 30, 2025
- (b) \$131,713.00 by the party of the second part during the period October 1, 2024 to September 30, 2025
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of: \$7,035.00

Description of the USGS regional/national program: Climate Response Network (CRN)

- (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
- (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program, and if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties. The Parties acknowledge that scientific information and data developed as a result of the Scope of Work (SOW) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website (<https://www.usgs.gov/office-of-science-quality-and-integrity/fundamental-science-practices>).

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR

Customer #: 6000001066
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TIN #: 59-6000292

Water Resource Investigations

9. Billing for this agreement will be rendered quarterly. Invoices not paid within 60 days from the billing date will bear Interest, Penalties, and Administrative cost at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C. § 3717) established by the U.S. Treasury.

USGS Technical Point of Contact

Name: **Patrick Ryan**
Supervisory Physical Scientist
Address: 12703 Research Parkway Suite 200
Orlando, FL 32826
Telephone: (321) 239-4819
Fax:
Email: pryan@usgs.gov

Customer Technical Point of Contact

Name: **John Walsh II, P.E.**
Address: 351 Shearer Blvd. 2nd Floor
Cocoa, FL 32922
Telephone: (321) 433-8710
Fax: (n/a)
Email: jwalsh@cocoafll.org

USGS Billing Point of Contact

Name: **Bryan Carmenatty Cruz**
Budget Analyst
Address: Ind Luchetti 290 Calle B
Bayamon, PR 00961
Telephone: (787) 749-7415
Fax:
Email: bcarmenattycruz@usgs.gov

Customer Billing Point of Contact

Name: **John Walsh II, P.E.**
Address: 351 Shearer Blvd. 2nd Floor
Cocoa, FL 32922
Telephone: (321) 433-8710
Fax: (n/a)
Email: jwalsh@cocoafll.org

U.S. Geological Survey
United States
Department of Interior

City of Cocoa

Signature

Signatures

By _____ Date: **8/02/2024**
Name: Dorothy F. Sifuentes, PhD
Title: Director, Caribbean-Florida Water Science
Center

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title:

FY 2025

April 26, 2024

Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
City of Cocoa							
WATER QUALITY SAMPLING STATIONS							
282341081040101	COCOA A	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282341081040101	COCOA A	Periodic pH	P	PH	1	\$ 73	\$ 73
282341081040101	COCOA A	Periodic major cations	P	CAT	4	\$ 2,800	\$ 2,800
282341081040101	COCOA A	Periodic chloride	P	CL	4	\$ 1,160	\$ 1,160
282341081040101	COCOA A	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282341081040101	COCOA A	Periodic iron	P	FE	4	\$ 128	\$ 128
						\$ -	\$ -
282847081013701	COCOA H WELL IS	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282847081013701	COCOA H NO LONGER	Periodic pH	P	PH	1	\$ 73	\$ 73
282847081013701	COCOA H PLUGGED	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282847081013701	COCOA H SAMPLE	Periodic chloride	P	CL	1	\$ 290	\$ 290
282847081013701	COCOA H	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282847081013701	COCOA H	Periodic iron	P	FE	1	\$ 32	\$ 32
						\$ -	\$ -
282531081095701	COCOA D	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282531081095701	COCOA D	Periodic pH	P	PH	1	\$ 73	\$ 73
282531081095701	COCOA D	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282531081095701	COCOA D	Periodic chloride	P	CL	1	\$ 290	\$ 290
282531081095701	COCOA D	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282531081095701	COCOA D	Periodic iron	P	FE	1	\$ 32	\$ 32
						\$ -	\$ -
282406081093602	COCOA R	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282406081093602	COCOA R	Periodic pH	P	PH	1	\$ 73	\$ 73
282406081093602	COCOA R	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282406081093602	COCOA R	Periodic chloride	P	CL	1	\$ 290	\$ 290
282406081093602	COCOA R	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282406081093602	COCOA R	Periodic iron	P	FE	1	\$ 32	\$ 32
						\$ -	\$ -
282530081065601	COCOA S-Zone 1 (OR-614)	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282530081065601	COCOA S-Zone 1 (OR-614)	Periodic pH	P	PH	1	\$ 73	\$ 73
282530081065601	COCOA S-Zone 1 (OR-614)	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282530081065601	COCOA S-Zone 1 (OR-614)	Periodic chloride	P	CL	1	\$ 290	\$ 290
282530081065601	COCOA S-Zone 1 (OR-614)	Periodic turbidity	P	TURB	1	\$ 130	\$ 130

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April 26, 2024

Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
282530081065601	COCOA S-Zone 1 (OR-614)	Periodic iron	P	FE	1	\$ 32	\$ 32
282530081065602	COCOA S-Zone 2 (OR-615)	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282530081065602	COCOA S-Zone 2 (OR-615)	Periodic pH	P	PH	1	\$ 73	\$ 73
282530081065602	COCOA S-Zone 2 (OR-615)	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282530081065602	COCOA S-Zone 2 (OR-615)	Periodic chloride	P	CL	1	\$ 290	\$ 290
282530081065602	COCOA S-Zone 2 (OR-615)	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282530081065602	COCOA S-Zone 2 (OR-615)	Periodic iron	P	FE	1	\$ 32	\$ 32
282530081065603	COCOA S-Zone 3 (OR-613)	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282530081065603	COCOA S-Zone 3 (OR-613)	Periodic pH	P	PH	1	\$ 73	\$ 73
282530081065603	COCOA S-Zone 3 (OR-613)	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282530081065603	COCOA S-Zone 3 (OR-613)	Periodic chloride	P	CL	1	\$ 290	\$ 290
282530081065603	COCOA S-Zone 3 (OR-613)	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282530081065603	COCOA S-Zone 3 (OR-613)	Periodic iron	P	FE	1	\$ 32	\$ 32
283249081053201	BITHLO 1	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
283249081053201	BITHLO 1	Periodic pH	P	PH	1	\$ 73	\$ 73
283249081053201	BITHLO 1	Periodic major cations	P	CAT	1	\$ 700	\$ 700
283249081053201	BITHLO 1	Periodic chloride	P	CL	1	\$ 290	\$ 290
283249081053201	BITHLO 1	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
283249081053201	BITHLO 1	Periodic iron	P	FE	1	\$ 32	\$ 32
283249081053202	BITHLO 2	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
283249081053202	BITHLO 2	Periodic pH	P	PH	1	\$ 73	\$ 73
283249081053202	BITHLO 2	Periodic major cations	P	CAT	1	\$ 700	\$ 700
283249081053202	BITHLO 2	Periodic chloride	P	CL	1	\$ 290	\$ 290
283249081053202	BITHLO 2	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
283249081053202	BITHLO 2	Periodic iron	P	FE	1	\$ 32	\$ 32
283249081053203	BITHLO 3	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
283249081053203	BITHLO 3	Periodic pH	P	PH	1	\$ 73	\$ 73
283249081053203	BITHLO 3	Periodic major cations	P	CAT	1	\$ 700	\$ 700
283249081053203	BITHLO 3	Periodic chloride	P	CL	1	\$ 290	\$ 290
283249081053203	BITHLO 3	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
283249081053203	BITHLO 3	Periodic iron	P	FE	1	\$ 32	\$ 32
282335081103701	Residential well No. 3 Johnson	Periodic temp and cond	P	KT	1	\$ 73	\$ 73

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Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
282335081103701	Residential well No. 3 Johnson	Periodic pH	P	PH		1 \$ 73	\$ 73
282335081103701	Residential well No. 3 Johnson	Periodic major cations	P	CAT		1 \$ 700	\$ 700
282335081103701	Residential well No. 3 Johnson	Periodic chloride	P	CL		1 \$ 290	\$ 290
282335081103701	Residential well No. 3 Johnson	Periodic turbidity	P	TURB		1 \$ 130	\$ 130
282335081103701	Residential well No. 3 Johnson	Periodic iron	P	FE		1 \$ 32	\$ 32
							\$ -
282336081105201	Residential well No. 4 Nodorf	Periodic temp and cond	P	KT		1 \$ 73	\$ 73
282336081105201	Residential well No. 4 Nodorf	Periodic pH	P	PH		1 \$ 73	\$ 73
282336081105201	Residential well No. 4 Nodorf	Periodic major cations	P	CAT		1 \$ 700	\$ 700
282336081105201	Residential well No. 4 Nodorf	Periodic chloride	P	CL		1 \$ 290	\$ 290
282336081105201	Residential well No. 4 Nodorf	Periodic turbidity	P	TURB		1 \$ 130	\$ 130
282336081105201	Residential well No. 4 Nodorf	Periodic iron	P	FE		1 \$ 32	\$ 32
							\$ -
282346081004601	DIGIOVANNI WELL	Periodic temp and cond	P	KT		1 \$ 73	\$ 73
282346081004601	DIGIOVANNI WELL	Periodic pH	P	PH		1 \$ 73	\$ 73
282346081004601	DIGIOVANNI WELL	Periodic major cations	P	CAT		1 \$ 700	\$ 700
282346081004601	DIGIOVANNI WELL	Periodic chloride	P	CL		1 \$ 290	\$ 290
282346081004601	DIGIOVANNI WELL	Periodic turbidity	P	TURB		1 \$ 130	\$ 130
282346081004601	DIGIOVANNI WELL	Periodic iron	P	FE		1 \$ 32	\$ 32
							\$ -
QW from ALL Production wells ANNUALLY							\$ -
282510081054501	COCOA 1	Periodic temp and cond	P	KT		1 \$ 73	\$ 73
282510081054501	COCOA 1	Periodic pH	P	PH		1 \$ 73	\$ 73
282510081054501	COCOA 1	Periodic major cations	P	CAT		1 \$ 700	\$ 700
282510081054501	COCOA 1	Periodic chloride	P	CL		1 \$ 290	\$ 290
282510081054501	COCOA 1	Periodic turbidity	P	TURB		1 \$ 130	\$ 130
282510081054501	COCOA 1	Periodic iron	P	FE		1 \$ 32	\$ 32
							\$ -
282612081054201	COCOA 2	Periodic temp and cond	P	KT		1 \$ 73	\$ 73
282612081054201	COCOA 2	Periodic pH	P	PH		1 \$ 73	\$ 73
282612081054201	COCOA 2	Periodic major cations	P	CAT		1 \$ 700	\$ 700
282612081054201	COCOA 2	Periodic chloride	P	CL		1 \$ 290	\$ 290
282612081054201	COCOA 2	Periodic turbidity	P	TURB		1 \$ 130	\$ 130
282612081054201	COCOA 2	Periodic iron	P	FE		1 \$ 32	\$ 32
							\$ -
282548081054201	COCOA 3	Periodic temp and cond	P	KT		1 \$ 73	\$ 73
282548081054201	COCOA 3	Periodic pH	P	PH		1 \$ 73	\$ 73

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Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
282548081054201	COCOA 3	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282548081054201	COCOA 3	Periodic chloride	P	CL	1	\$ 290	\$ 290
282548081054201	COCOA 3	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282548081054201	COCOA 3	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282451081054501	COCOA 5	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282451081054501	COCOA 5	Periodic pH	P	PH	1	\$ 73	\$ 73
282451081054501	COCOA 5	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282451081054501	COCOA 5	Periodic chloride	P	CL	1	\$ 290	\$ 290
282451081054501	COCOA 5	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282451081054501	COCOA 5	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282530081054201	COCOA 7	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282530081054201	COCOA 7	Periodic pH	P	PH	1	\$ 73	\$ 73
282530081054201	COCOA 7	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282530081054201	COCOA 7	Periodic chloride	P	CL	1	\$ 290	\$ 290
282530081054201	COCOA 7	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282530081054201	COCOA 7	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282632081054502	COCOA 8R	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282632081054502	COCOA 8R	Periodic pH	P	PH	1	\$ 73	\$ 73
282632081054502	COCOA 8R	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282632081054502	COCOA 8R	Periodic chloride	P	CL	1	\$ 290	\$ 290
282632081054502	COCOA 8R	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282632081054502	COCOA 8R	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282650081054201	COCOA 9	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282650081054201	COCOA 9	Periodic pH	P	PH	1	\$ 73	\$ 73
282650081054201	COCOA 9	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282650081054201	COCOA 9	Periodic chloride	P	CL	1	\$ 290	\$ 290
282650081054201	COCOA 9	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282650081054201	COCOA 9	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282716081054501	COCOA 10	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282716081054501	COCOA 10	Periodic pH	P	PH	1	\$ 73	\$ 73
282716081054501	COCOA 10	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282716081054501	COCOA 10	Periodic chloride	P	CL	1	\$ 290	\$ 290
282716081054501	COCOA 10	Periodic turbidity	P	TURB	1	\$ 130	\$ 130

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Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
282716081054501	COCOA 10	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282344081054201	COCOA 11	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282344081054201	COCOA 11	Periodic pH	P	PH	1	\$ 73	\$ 73
282344081054201	COCOA 11	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282344081054201	COCOA 11	Periodic chloride	P	CL	1	\$ 290	\$ 290
282344081054201	COCOA 11	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282344081054201	COCOA 11	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282529081073201	COCOA 7A	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282529081073201	COCOA 7A	Periodic pH	P	PH	1	\$ 73	\$ 73
282529081073201	COCOA 7A	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282529081073201	COCOA 7A	Periodic chloride	P	CL	1	\$ 290	\$ 290
282529081073201	COCOA 7A	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282529081073201	COCOA 7A	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282531081075602	COCOA 13R	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282531081075602	COCOA 13R	Periodic pH	P	PH	1	\$ 73	\$ 73
282531081075602	COCOA 13R	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282531081075602	COCOA 13R	Periodic chloride	P	CL	1	\$ 290	\$ 290
282531081075602	COCOA 13R	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282531081075602	COCOA 13R	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282531081082201	COCOA 14	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282531081082201	COCOA 14	Periodic pH	P	PH	1	\$ 73	\$ 73
282531081082201	COCOA 14	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282531081082201	COCOA 14	Periodic chloride	P	CL	1	\$ 290	\$ 290
282531081082201	COCOA 14	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282531081082201	COCOA 14	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282530081085401	COCOA 15	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282530081085401	COCOA 15	Periodic pH	P	PH	1	\$ 73	\$ 73
282530081085401	COCOA 15	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282530081085401	COCOA 15	Periodic chloride	P	CL	1	\$ 290	\$ 290
282530081085401	COCOA 15	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282530081085401	COCOA 15	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282530081091701	COCOA 16	Periodic temp and cond	P	KT	1	\$ 73	\$ 73

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Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
282530081091701	COCOA 16	Periodic pH	P	PH	1	\$ 73	\$ 73
282530081091701	COCOA 16	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282530081091701	COCOA 16	Periodic chloride	P	CL	1	\$ 290	\$ 290
282530081091701	COCOA 16	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282530081091701	COCOA 16	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282530081094001	COCOA 17	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282530081094001	COCOA 17	Periodic pH	P	PH	1	\$ 73	\$ 73
282530081094001	COCOA 17	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282530081094001	COCOA 17	Periodic chloride	P	CL	1	\$ 290	\$ 290
282530081094001	COCOA 17	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282530081094001	COCOA 17	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282556081094001	COCOA 18	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282556081094001	COCOA 18	Periodic pH	P	PH	1	\$ 73	\$ 73
282556081094001	COCOA 18	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282556081094001	COCOA 18	Periodic chloride	P	CL	1	\$ 290	\$ 290
282556081094001	COCOA 18	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282556081094001	COCOA 18	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282624081090401	COCOA 19	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282624081090401	COCOA 19	Periodic pH	P	PH	1	\$ 73	\$ 73
282624081090401	COCOA 19	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282624081090401	COCOA 19	Periodic chloride	P	CL	1	\$ 290	\$ 290
282624081090401	COCOA 19	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282624081090401	COCOA 19	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282424081093601	COCOA 20	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282424081093601	COCOA 20	Periodic pH	P	PH	1	\$ 73	\$ 73
282424081093601	COCOA 20	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282424081093601	COCOA 20	Periodic chloride	P	CL	1	\$ 290	\$ 290
282424081093601	COCOA 20	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282424081093601	COCOA 20	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282406081093601	COCOA 21	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282406081093601	COCOA 21	Periodic pH	P	PH	1	\$ 73	\$ 73
282406081093601	COCOA 21	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282406081093601	COCOA 21	Periodic chloride	P	CL	1	\$ 290	\$ 290

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282406081093601	COCOA 21	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282406081093601	COCOA 21	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282356081091901	COCOA 22	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282356081091901	COCOA 22	Periodic pH	P	PH	1	\$ 73	\$ 73
282356081091901	COCOA 22	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282356081091901	COCOA 22	Periodic chloride	P	CL	1	\$ 290	\$ 290
282356081091901	COCOA 22	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282356081091901	COCOA 22	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282331081093801	COCOA 23	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282331081093801	COCOA 23	Periodic pH	P	PH	1	\$ 73	\$ 73
282331081093801	COCOA 23	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282331081093801	COCOA 23	Periodic chloride	P	CL	1	\$ 290	\$ 290
282331081093801	COCOA 23	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282331081093801	COCOA 23	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282315081093601	COCOA 24	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282315081093601	COCOA 24	Periodic pH	P	PH	1	\$ 73	\$ 73
282315081093601	COCOA 24	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282315081093601	COCOA 24	Periodic chloride	P	CL	1	\$ 290	\$ 290
282315081093601	COCOA 24	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282315081093601	COCOA 24	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282300081092401	COCOA 25	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282300081092401	COCOA 25	Periodic pH	P	PH	1	\$ 73	\$ 73
282300081092401	COCOA 25	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282300081092401	COCOA 25	Periodic chloride	P	CL	1	\$ 290	\$ 290
282300081092401	COCOA 25	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282300081092401	COCOA 25	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -
282315081053801	COCOA 38	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282315081053801	COCOA 38	Periodic pH	P	PH	1	\$ 73	\$ 73
282315081053801	COCOA 38	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282315081053801	COCOA 38	Periodic chloride	P	CL	1	\$ 290	\$ 290
282315081053801	COCOA 38	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282315081053801	COCOA 38	Periodic iron	P	FE	1	\$ 32	\$ 32
							\$ -

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Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
282304081053901	COCOA 39	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282304081053901	COCOA 39	Periodic pH	P	PH	1	\$ 73	\$ 73
282304081053901	COCOA 39	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282304081053901	COCOA 39	Periodic chloride	P	CL	1	\$ 290	\$ 290
282304081053901	COCOA 39	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282304081053901	COCOA 39	Periodic iron	P	FE	1	\$ 32	\$ 32
						\$	-
282250081053801	COCOA 40	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282250081053801	COCOA 40	Periodic pH	P	PH	1	\$ 73	\$ 73
282250081053801	COCOA 40	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282250081053801	COCOA 40	Periodic chloride	P	CL	1	\$ 290	\$ 290
282250081053801	COCOA 40	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282250081053801	COCOA 40	Periodic iron	P	FE	1	\$ 32	\$ 32
						\$	-
282238081053801	COCOA 41	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282238081053801	COCOA 41	Periodic pH	P	PH	1	\$ 73	\$ 73
282238081053801	COCOA 41	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282238081053801	COCOA 41	Periodic chloride	P	CL	1	\$ 290	\$ 290
282238081053801	COCOA 41	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282238081053801	COCOA 41	Periodic iron	P	FE	1	\$ 32	\$ 32
						\$	-
282208081053801	COCOA 42	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282208081053801	COCOA 42	Periodic pH	P	PH	1	\$ 73	\$ 73
282208081053801	COCOA 42	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282208081053801	COCOA 42	Periodic chloride	P	CL	1	\$ 290	\$ 290
282208081053801	COCOA 42	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282208081053801	COCOA 42	Periodic iron	P	FE	1	\$ 32	\$ 32
						\$	-
282145081053801	COCOA 43	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282145081053801	COCOA 43	Periodic pH	P	PH	1	\$ 73	\$ 73
282145081053801	COCOA 43	Periodic major cations	P	CAT	1	\$ 700	\$ 700
282145081053801	COCOA 43	Periodic chloride	P	CL	1	\$ 290	\$ 290
282145081053801	COCOA 43	Periodic turbidity	P	TURB	1	\$ 130	\$ 130
282145081053801	COCOA 43	Periodic iron	P	FE	1	\$ 32	\$ 32
						\$	-
282127081053901	COCOA 44	Periodic temp and cond	P	KT	1	\$ 73	\$ 73
282127081053901	COCOA 44	Periodic pH	P	PH	1	\$ 73	\$ 73
282127081053901	COCOA 44	Periodic major cations	P	CAT	1	\$ 700	\$ 700

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Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
282127081053901	COCOA 44	Periodic chloride	P	CL		1 \$ 290	\$ 290
282127081053901	COCOA 44	Periodic turbidity	P	TURB		1 \$ 130	\$ 130
282127081053901	COCOA 44	Periodic iron	P	FE		1 \$ 32	\$ 32
							\$ -
282530081054204	COCOA 7T1	Periodic temp and cond	P	KT		1 \$ 73	\$ 73
282530081054204	COCOA 7T1	Periodic pH	P	PH		1 \$ 73	\$ 73
282530081054204	COCOA 7T1	Periodic major cations	P	CAT		1 \$ 700	\$ 700
282530081054204	COCOA 7T1	Periodic chloride	P	CL		1 \$ 290	\$ 290
282530081054204	COCOA 7T1	Periodic turbidity	P	TURB		1 \$ 130	\$ 130
282530081054204	COCOA 7T1	Periodic iron	P	FE		1 \$ 32	\$ 32
Water Quality Sampling Subtotal						\$ 60,178	\$ 60,178
CONTINUOUS WATER LEVEL STATIONS							
282341081040101	COCOA A	Continuous water level	C	H		\$ 8,300	\$ 7,120
282406081093602	COCOA R	Continuous water level	C	H		\$ 8,300	\$ 7,120
282406081093602	COCOA R	Continuous rain	C	RFA		\$ 1,850	\$ 1,680
282531081082202	COCOA G	Continuous water level	C	H		\$ 8,300	\$ 7,120
282531081095701	COCOA D	Continuous water level	C	H		\$ 8,300	\$ 7,120
282532081075601	COCOA B	Continuous water level	C	H		\$ 8,300	\$ 7,120
282623081153801	COCOA P	Continuous water level	C	H		\$ 8,300	\$ 7,120
283249081053201	BITHLO 1	Continuous water level	C	H		\$ 8,300	\$ 7,120
283249081053203	BITHLO 3	Continuous water level	C	H		\$ 8,300	\$ 1,265
Continuous Water Level Subtotal						\$ 68,250	\$ 52,785
MONTHLY MEASUREMENT STATIONS							
283249081053202	BITHLO 2	Periodic water level 12/yr	P	GWL12		\$ 4,470	\$ 4,470
QUARTERLY MEASUREMENT STATIONS							
282510081054503	COCOA 1T	Periodic water level 4/yr	P	GWL4		\$ 1,640	\$ 1,310
282847081013702	COCOA K	Periodic water level 4/yr	P	GWL4		\$ 1,640	\$ 1,310
282510081054502	COCOA M	Periodic water level 4/yr	P	GWL4		\$ 1,640	\$ 1,310
282531081054301	COCOA O	Periodic water level 4/yr	P	GWL4		\$ 1,640	\$ 1,310
282739081054501	COCOA F	Periodic water level 4/yr	P	GWL4		\$ 1,640	\$ 1,310

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Station ID	Name or Location	Description of Activity	Frequency	Activity Code	Replication	ANNUAL COST	COOPERATOR TOTAL
Periodic Water Level Subtotal						\$ 12,670	\$ 11,020
SURFACE WATER STATIONS							
02232400	ST JOHNS RIVER NEAR COCOA	Continuous temp, cond	C	TK1A		\$ 9,530	\$ 7,730
Surface Water Station Subtotal						\$ 9,530	\$ 7,730
FY 2025 PROGRAM TOTALS						\$ 150,628	\$ 131,713

	2025
Total Program	\$ 150,628
City of Cocoa	\$ 131,713
USGS Climate Response Network (CRN)	\$ 7,035
USGS CMF Support	\$ 11,880